

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

TI Automotive Systems LLC

Indiana MEP - Purdue Technical Assistance Program

TI Automotive Systems LLC Realizes Cost Savings with TWI

Client Profile:

TI Automotive Systems LLC, is a leading supplier of fluid storage and transfer and delivery systems, including brake, fuel, and air conditioning applications. The company employs 350 people at its headquarters in Ashley, Indiana.

Situation:

Due to the addition of a new client, TI Automotive decided to expand its operation and increase employment by 15 percent. The company was looking for assistance to help new employees get up to speed in their jobs duties. In addition, TI Automotive sought an analysis of its energy usage and ways to become more efficient. The company contacted the Purdue Technical Assistance Program (TAP), a NIST MEP network affiliate, for help.

Solution:

Working with TAP, TI Automotive implemented the Training Within Industry (TWI) program for all of its associates to help them develop the processes to do their jobs more effectively. A time-tested Lean-based program, TWI is designed to provide a framework for employees to succeed in applying Lean Principles into their daily work life. The program is three-fold, consisting of Job Methods, Job Instruction and Job Relations. Job Methods instructs supervisors on how to best use people, machines and materials to improve how jobs are done. Job Instruction focuses on quickly training employees to complete jobs correctly, safely and conscientiously. Finally, Job Relations helps supervisors build positive employee relations, increase cooperation and satisfaction, and effectively resolve conflicts. TAP's Energy Efficiency Services program provided a plant energy profile which listed areas of improvement and outlined various energy savings projects with low investment and high cost savings.

Results:

* Realized \$60,000 in cost savings.

Testimonial:

"TAP is a great resource for organizations to enhance their business and obtain bottom-line results. Now that we know about this great resource, we have been spreading the word -- not just in Indiana, but in other states, as well."

Lori Casiano, Plant Manager